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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under
37 CFR 1.53(b))

Attorney Docket Number

20852-05133

First Named Inventor

Laurence J. Newell

Title

Channel gain control for an optical
communications system utilizing
frequency division multiplexing

Express Mail Label No.

EL482717391US

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages 36
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference(s) to Related Case(s)
 - Statement Regarding Fed sponsored R & D
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawing(s)
 - Detailed Description
 - Claim or Claims
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. Total Sheets 17
113)
5. Oath or Declaration
 - a. ☐ New Declaration Total Pages
☐ Executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
13. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐ _____
16. ☐ _____
17. ☐ _____

ADDRESS TO:

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 09/569,761

Prior application information: Examiner: Unassigned Group/Art Unit: 2874

Also a ☒ Continuation-in-part (CIP) of prior application No: 09/816,242

Prior application information: Examiner: Unassigned Group/Art Unit: Unassigned

Which is a ☒ Continuation-in-part (CIP) of prior application No: 09/571,349

Prior application information: Examiner: Unassigned Group/Art Unit: 2733

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



☒ Customer Number and Bar Code
Label

00758

Name (Print/Type)

Michael W. Farn

Registration No. (Attorney/Agent)

41,015

Signature

Date

May 11, 2001

05/11/01
jc962 U.S. PTO

05/11/01

09/854153


10/11/50
05/11/01

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|---|--|---|--------------------|------------|-------------|--------------|----------------------|--------------------|----------------|------------|---------------|------------|------------------------|-------------|
| 0002/PTO(modified) Rev. 10/2000 | U.S. Department of Commerce Patent and Trademark Office | Complete if Known <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>Unassigned</td></tr> <tr><td>Filing Date</td><td>May 11, 2001</td></tr> <tr><td>First Named Inventor</td><td>Laurence J. Newell</td></tr> <tr><td>Group Art Unit</td><td>Unassigned</td></tr> <tr><td>Examiner Name</td><td>Unassigned</td></tr> <tr><td>Attorney Docket Number</td><td>20852-05133</td></tr> </table> | Application Number | Unassigned | Filing Date | May 11, 2001 | First Named Inventor | Laurence J. Newell | Group Art Unit | Unassigned | Examiner Name | Unassigned | Attorney Docket Number | 20852-05133 |
| Application Number | Unassigned | | | | | | | | | | | | | |
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| First Named Inventor | Laurence J. Newell | | | | | | | | | | | | | |
| Group Art Unit | Unassigned | | | | | | | | | | | | | |
| Examiner Name | Unassigned | | | | | | | | | | | | | |
| Attorney Docket Number | 20852-05133 | | | | | | | | | | | | | |
| FEE TRANSMITTAL | | | | | | | | | | | | | | |
| TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$355) | | | | | | | | | | | | | | |

| METHOD OF PAYMENT | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. † <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other | 3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> <th>Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month†</td><td><input type="text"/></td></tr> <tr><td>116/\$390</td><td>216/\$195</td><td>Extension for response within second month†</td><td><input type="text"/></td></tr> <tr><td>117/\$890</td><td>217/\$445</td><td>Extension for response within third month†</td><td><input type="text"/></td></tr> <tr><td>118/\$1,390</td><td>218/\$695</td><td>Extension for response within fourth month†</td><td><input type="text"/></td></tr> <tr><td>128/\$1,890</td><td>228/\$945</td><td>Extension for response within fifth month†</td><td><input type="text"/></td></tr> <tr><td>119/\$310</td><td>219/\$155</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,240</td><td>241/\$620</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,240</td><td>242/\$620</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$440</td><td>243/\$220</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>126/\$180</td><td>126/\$180</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>179/\$710</td><td>279/\$355</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146/\$710</td><td>246/\$355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$710</td><td>249/\$355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (3)</td> <td colspan="2">(\$)-0-</td> </tr> </tbody> </table> | Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due | 105/\$130 | 205/\$65 | Surcharge - late filing fee or oath | <input type="text"/> | 127/\$50 | 227/\$25 | Surcharge-late provisional filing fee or cover sheet | <input type="text"/> | 147/\$2,520 | 147/\$2,520 | For filing a request for reexamination | <input type="text"/> | 115/\$110 | 215/\$55 | Extension for response within first month† | <input type="text"/> | 116/\$390 | 216/\$195 | Extension for response within second month† | <input type="text"/> | 117/\$890 | 217/\$445 | Extension for response within third month† | <input type="text"/> | 118/\$1,390 | 218/\$695 | Extension for response within fourth month† | <input type="text"/> | 128/\$1,890 | 228/\$945 | Extension for response within fifth month† | <input type="text"/> | 119/\$310 | 219/\$155 | Notice of Appeal | <input type="text"/> | 141/\$1,240 | 241/\$620 | Petition to revive unintentionally abandoned application | <input type="text"/> | 142/\$1,240 | 242/\$620 | Utility Issue Fee (Or Reissue) | <input type="text"/> | 143/\$440 | 243/\$220 | Design Issue Fee | <input type="text"/> | 122/\$130 | 122/\$130 | Petitions to the Commissioner | <input type="text"/> | 126/\$180 | 126/\$180 | Submission of Information Disclosure Statement | <input type="text"/> | 179/\$710 | 279/\$355 | Request for Continued Examination (RCE) | <input type="text"/> | 581/\$40 | 581/\$40 | Recording each patent assignment per property (times number of properties) | <input type="text"/> | 146/\$710 | 246/\$355 | Filing a submission after final rejection (37 CFR 1.129(a)) | <input type="text"/> | 149/\$710 | 249/\$355 | For each additional invention to be examined (37 CFR 1.129(b)) | <input type="text"/> | Other fee (specify): | | | <input type="text"/> | Other fee (specify): | | | <input type="text"/> | SUBTOTAL (3) | | (\$)-0- | | | | | | | | | | | | | | | |
| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105/\$130 | 205/\$65 | Surcharge - late filing fee or oath | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127/\$50 | 227/\$25 | Surcharge-late provisional filing fee or cover sheet | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147/\$2,520 | 147/\$2,520 | For filing a request for reexamination | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115/\$110 | 215/\$55 | Extension for response within first month† | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116/\$390 | 216/\$195 | Extension for response within second month† | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117/\$890 | 217/\$445 | Extension for response within third month† | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118/\$1,390 | 218/\$695 | Extension for response within fourth month† | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128/\$1,890 | 228/\$945 | Extension for response within fifth month† | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119/\$310 | 219/\$155 | Notice of Appeal | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141/\$1,240 | 241/\$620 | Petition to revive unintentionally abandoned application | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142/\$1,240 | 242/\$620 | Utility Issue Fee (Or Reissue) | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143/\$440 | 243/\$220 | Design Issue Fee | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122/\$130 | 122/\$130 | Petitions to the Commissioner | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126/\$180 | 126/\$180 | Submission of Information Disclosure Statement | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 179/\$710 | 279/\$355 | Request for Continued Examination (RCE) | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581/\$40 | 581/\$40 | Recording each patent assignment per property (times number of properties) | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146/\$710 | 246/\$355 | Filing a submission after final rejection (37 CFR 1.129(a)) | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149/\$710 | 249/\$355 | For each additional invention to be examined (37 CFR 1.129(b)) | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify): | | | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify): | | | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (3) | | (\$)-0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEE CALCULATION (fees effective 10/01/2000) 1. FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> <th>Fee Due</th> </tr> </thead> <tbody> <tr><td>101/\$710</td><td>201/\$355</td><td>Utility Filing</td><td>355</td></tr> <tr><td>106/\$320</td><td>206/\$160</td><td>Design Filing</td><td><input type="text"/></td></tr> <tr><td>108/\$710</td><td>208/\$355</td><td>Reissue</td><td><input type="text"/></td></tr> <tr><td>114/\$150</td><td>214/\$75</td><td>Provisional Filing</td><td><input type="text"/></td></tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td colspan="2">(\$355)</td> </tr> </tbody> </table> 2. CLAIMS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code/Fee</th> <th>Small Entity Fee Code/Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$80</td><td>202/\$40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$270</td><td>204/\$135</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$80</td><td>209/\$40</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table> | Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due | 101/\$710 | 201/\$355 | Utility Filing | 355 | 106/\$320 | 206/\$160 | Design Filing | <input type="text"/> | 108/\$710 | 208/\$355 | Reissue | <input type="text"/> | 114/\$150 | 214/\$75 | Provisional Filing | <input type="text"/> | SUBTOTAL (1) | | (\$355) | | Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | 103/\$18 | 203/\$9 | Claims in excess of 20 | 102/\$80 | 202/\$40 | Independent claims in excess of 3 | 104/\$270 | 204/\$135 | Multiple dependent claim | 109/\$80 | 209/\$40 | Reissue independent claims over original patent | 110/\$18 | 210/\$9 | Reissue claims in excess of 20 and over original patent | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">(Col. 1)</th> <th colspan="2">(Col. 2)</th> <th colspan="2">(Col. 3)</th> <th colspan="2"></th> <th colspan="2"></th> </tr> <tr> <th>For</th> <th>No. of Existing Claims</th> <th colspan="2">Highest No. Previously Paid For</th> <th>Extra**</th> <th>Fee</th> <th colspan="2"></th> <th colspan="2">Fee Due</th> </tr> </thead> <tbody> <tr> <td>TOTAL</td> <td>12</td> <td>minus*</td> <td>20 or 0</td> <td>=</td> <td>0</td> <td>x</td> <td>9</td> <td>=</td> <td>0</td> </tr> <tr> <td>INDEP</td> <td>2</td> <td>minus*</td> <td>3 or 0</td> <td>=</td> <td>0</td> <td>x</td> <td>40</td> <td>=</td> <td>0</td> </tr> <tr> <td colspan="10">[] First presentation of multiple dependent claim</td> </tr> <tr> <td colspan="8" style="text-align: right;">SUBTOTAL (2)</td> <td colspan="2">(\$)-0-</td> </tr> </tbody> </table> | (Col. 1) | | (Col. 2) | | (Col. 3) | | | | | | For | No. of Existing Claims | Highest No. Previously Paid For | | Extra** | Fee | | | Fee Due | | TOTAL | 12 | minus* | 20 or 0 | = | 0 | x | 9 | = | 0 | INDEP | 2 | minus* | 3 or 0 | = | 0 | x | 40 | = | 0 | [] First presentation of multiple dependent claim | | | | | | | | | | SUBTOTAL (2) | | | | | | | | (\$)-0- | |
| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101/\$710 | 201/\$355 | Utility Filing | 355 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106/\$320 | 206/\$160 | Design Filing | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 108/\$710 | 208/\$355 | Reissue | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114/\$150 | 214/\$75 | Provisional Filing | <input type="text"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | (\$355) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103/\$18 | 203/\$9 | Claims in excess of 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102/\$80 | 202/\$40 | Independent claims in excess of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104/\$270 | 204/\$135 | Multiple dependent claim | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109/\$80 | 209/\$40 | Reissue independent claims over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110/\$18 | 210/\$9 | Reissue claims in excess of 20 and over original patent | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Col. 1) | | (Col. 2) | | (Col. 3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| For | No. of Existing Claims | Highest No. Previously Paid For | | Extra** | Fee | | | Fee Due | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 12 | minus* | 20 or 0 | = | 0 | x | 9 | = | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDEP | 2 | minus* | 3 or 0 | = | 0 | x | 40 | = | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [] First presentation of multiple dependent claim | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (2) | | | | | | | | (\$)-0- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

| | | | |
|-----------------------|---|---------------------------------|--------------|
| SUBMITTED BY | | Complete (if applicable) | |
| Typed or Printed Name | Michael W. Farn | Reg. Number | 41,015 |
| Signature |  | Date | May 11, 2001 |